

REMARKS

Claims 1-13 are hereby elected for prosecution. SEQ ID NO:4086 is elected pursuant to the sequence election requirement. Claims 1, 5 and 9-10 are amended solely to reflect the sequence election requirement. No new matter is added.

CONCLUSION

In view of the above amendments and remarks, it is believed that all claims are in condition for allowance, and it is respectfully requested that the application be passed to issue. If the Examiner feels that a telephone conference would expedite prosecution of this case, the Examiner is invited to call the undersigned at (978) 341-0036.

Respectfully submitted,

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MARKED UP VERSION OF AMENDMENTSClaim Amendments Under 37 C.F.R. § 1.21(c)(1)(ii)

Please amend Claims 1, 5 and 9-10 as follows.

1. (Amended) An isolated nucleic acid encoding a[n] B. fragilis polypeptide of SEQ ID NO[S: 5223 - 10444] : 9306.

5. (Amended) An isolated nucleic acid selected from the group consisting of:
 - (a) SEQ ID NO[S: 1-5222] : 4084;
 - (b) a complement of SEQ ID NO[S: 1-5222] : 4084; or
 - (c) an RNA of (a) or (b), wherein U is substituted for T.

9. (Amended) A probe comprising a nucleotide sequence consisting of at least eight contiguous nucleotides of a nucleotide sequence selected from the group consisting of:
 - (a) SEQ ID NO[S: 1-5222] : 4084;
 - (b) a complement of SEQ ID NO[S: 1-5222] : 4084; or
 - (c) an RNA of (a) or (b), wherein U is substituted for T.

10. (Amended) An isolated nucleic acid comprising a nucleotide sequence of at least eight nucleotides in length, wherein the sequence is hybridizable to a nucleic acid having a nucleotide sequence selected from the group consisting of:
 - (a) SEQ ID NO[S: 1-5222] : 4086;
 - (b) a complement of SEQ ID NO[S: 5222] : 4086; or
 - (c) an RNA of (a) or (b), wherein U is substituted for T.